

Product Evaluation

RV131 | 0824

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: RV-131

Effective Date: August 1, 2024

Re-evaluation Date: August 2028

Product Name: Ross 45IV Intake Roof Vent

Manufacturer: Ross Manufacturing, LLC
155 Spire Lane
New Braunfels, Texas 78132
(830) 643-0175

General Description:

Ross 45IV Intake vents are made of high impact virgin polypropylene with heat stabilizers and UV inhibitors throughout the vent.

Limitations:

Roof Slope: The roof vent may be installed on roofs with a minimum slope of 3:12 and any slope up to a maximum slope of 16:12.

Design Pressure: -75 psf

Installation:

General:

All requirements specified in the International Residential Code (IRC) and the International Building Code (IBC) must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

Roof Deck: The roof deck must be minimum nominal 7/16" thick OSB wood structural panels.

Attachment of Vent to Roof Deck: The vent is secured to a minimum 7/16" OSB roof deck and centered on a 1-1/2" by 46" hole cut out. The base of the vent (flashing) is fastened to the roof deck using minimum 2-1/2" long galvanized smooth shank nails with a minimum 3/8" diameter head. Refer to manufacturer's instructions for fastener locations. The fasteners are not required to penetrate the roof framing. Fasteners must be long enough to penetrate completely through the roof deck.

Note: Keep the manufacturer's installation instructions available on the job site during the installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.